

09/604,129

Amendments to the Claims:

Cancel claims 1-3 and 6-10, and amend claim 4 as follows:

Claims 1-3 (Canceled)

4. (Currently amended) A power generation system employing a fast light-off reformer comprising:

a catalytic reformer characterized by at least one reactor tube, said reactor tube having an inlet in a first end for receiving a flow of fuel and a flow of air, a reforming catalyst disposed within said reactor tube for converting said fuel and said air to a reformat stream, and an outlet in a second end for discharging said reformat stream;

an ignition device disposed within said reactor tube for initiating an exothermic reaction between said fuel and said air and using heat energy generated thereby to provide fast light-off of said reforming catalyst;

a control system for selecting fuel and air flow rate and operating said ignition device so as to achieve fast light-off of said reforming catalyst at start-up and to maintain said catalyst at a temperature sufficient to optimize reformat yield; and

a power generation system ~~operating~~ fueled at least partially ~~on~~ by reformat provided by said fast light-off reformer ~~fueling~~, said power generation system having a fuel inlet in fluid communication with said reformer outlet.

5. (Original) The fast light-off reformer-power generation system of claim 4, wherein said power generation system is an engine, a spark ignition engine, a hybrid vehicle, a diesel engine, a fuel cell, a solid oxide fuel cell, or a combination thereof.

Claims 6-10 (Canceled)

09/604,129

Please charge any additional necessary fees, including any extension of time, or any other fee deficiencies to Delphi Technologies, Inc., Deposit Account No. 50-0831.

Respectfully Submitted:

A handwritten signature in black ink, appearing to read 'P. L. Marshall', written over a horizontal line.

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